

1. (AMENDED) A tie bracket for connecting opposing insulating panels of insulating concrete forms, comprising a first elongate plate, a second elongate plate spaced apart from said first elongate plate, and a web securing said first plate and said second plate in spaced apart relation, wherein said web forms a plurality of circumferentially closed, rounded openings arranged in at least two horizontal rows when said plates are oriented vertically, wherein each said horizontal row includes at least two adjacent said openings; and

said web includes a plurality of vertically spaced apart spanning members extending from said first plate to said second plate, including an uppermost spanning member and a lowermost spanning member, and

said plates extend above and below both said uppermost and lowermost spanning member, and

wherein each said spanning member comprises intersecting straps selectively orthogonally oriented relative to said spanning members thereby maximizing strength thereof.

5. (AMENDED) The tie bracket according to claim [4] 3, wherein said web includes at least one brace connecting at

least two of said spanning members, wherein said brace comprises intersecting straps selectively orthogonally oriented relative to [one another] said brace.

6. (AMENDED) The tie bracket according to claim [1] 5, further comprising an upwardly open receptacle having [width and] a height greater than the width.

9. (AMENDED) The tie bracket according to claim [4] 3, further comprising at least one circumferentially closed, rounded opening located above said uppermost spanning member.

10. (AMENDED) The tie bracket according to claim [4] 3, wherein said lowermost spanning member has at least one circumferentially closed, rounded opening formed therein.

12. (AMENDED) A form having a first insulating panel formed from expanded foam, a second opposed insulating panel formed from expanded foam, and a tie bracket spanning and connecting said first insulating panel and said second insulating panel, wherein said tie bracket includes a web having a first end embedded within said first insulating panel and a second end embedded within said second insulating panel; said first and second insulating panels

having a height, and

wherein said web forms a plurality of circumferentially closed, rounded openings arranged in at least two horizontal rows when said plates are oriented vertically, wherein each said horizontal row includes at least two adjacent said openings; and

wherein said first insulating panel and said second insulating panel each have an upper surface, a plurality of projections formed in said upper surface, a lower surface, and a plurality of notches formed in said lower surface, wherein each said notch is dimensioned and configured to receive said projection therein in close cooperation therewith, and each said notch is directly below one said projection; and

wherein all said notches of one said insulating panel are regularly spaced apart from adjacent said notches of said insulating panel by equal distance intervals,

said notches include a first end notch adjacent to only one other said notch and a second end notch adjacent to only one other said notch,

said insulating panel has a first end and a second end,
and

said first end notch is spaced apart from said first end by a distance interval of half the magnitude of the magnitude of said distance intervals between adjacent said

notches.

15. The form according to claim 12, wherein said web includes a first plate located at said end, a second plate located at said second end, a plurality of vertically spaced apart spanning members extending from said first plate to said second plate, including an uppermost spanning member and a lowermost spanning member, wherein each said spanning member comprises intersecting straps selectively orthogonally oriented relative to said spanning members for maximizing strength thereof, [one another] said plates extending above and below both said uppermost spanning member and said lowermost spanning member, thereby extending the full height of said first and second insulating panels.

16. (AMENDED) The form according to claim 15, wherein said web includes at least one brace connecting at least two of said spanning members, wherein said brace comprises intersecting straps selectively orthogonally oriented relative to [one another] said brace.

17. (AMENDED) The [tie bracket] form according to claim [12] 15, wherein the uppermost spanning member of said web further [comprising] comprises an upwardly open receptacle having a width and a height, wherein the height is greater than the width.

18. (AMENDED) The [tie bracket] form according to claim 15, wherein each said plate has height equal to that of said first insulating panel and said second insulating panel.